

Converting Colors

HunterLab(51.7148, 3.2583,
-71.6729)

Have a look what the booklet for
HunterLab(51.7148, 3.2583,
-71.6729) contains.

HunterLab(51.8157, 3.1224, -71.5054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.8157, 3.1224,
-71.5054)**

Conversions

Conversions Part 1

Format	Color
Hex	0090FA
RGB	0, 144, 250
RGB Percent	0%, 56%, 98%
CMY	0.9997, 0.4353, 0.0196
CMYK	1.00, 0.42, 0.00, 0.02
HSL	205°, 100%, 49%
HSV	205°, 100%, 98%
XYZ	27.2286, 26.8487, 94.1897
YIQ	113.0280, -119.8500, 2.4380

Conversions

Conversions Part 2

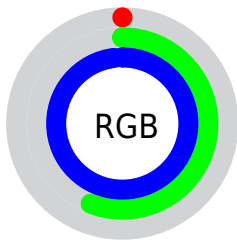
Format	Color
R _Y B	0, 91, 250
Decimal	37114
CIE Lab	58.83, 7.05, -61.54
CIE LCh	59, 61.943, 276.535
Yxy	26.8494, 0.1837, 0.1811
Android (android.graphics.Color)	4278227194 (0xFF0090FA)
YUV	113.0280, 67.5272, -99.1256
Hunter-Lab	51.8157, 3.1224, -71.5054

Details

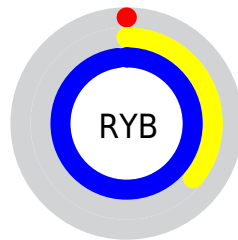
The HunterLab color **51.8157, 3.1224, -71.5054** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **55.3603, 46.8818, 34.9312**, and the grayscale version is **40.4380, -2.1577, 2.1971**.

A 20% lighter version of the original color is **71.0859, -12.4784, -35.3244**, and **34.6910, 9.8748, -64.6777** is the 20% darker color. If you saturate the color by 10%, you get **51.8068, 3.1385, -71.5291**, and if you desaturate by 10%, it is **55.1551, -1.6527, -63.2661**.

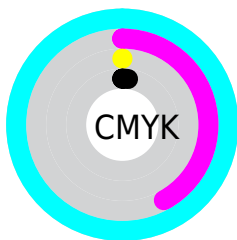
Distribution



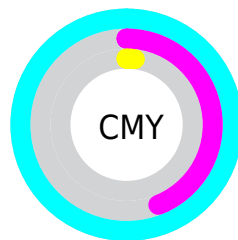
- Red (0%)
- Green (56%)
- Blue (98%)



- Red (0%)
- Yellow (36%)
- Blue (98%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8157, 3.1224, -71.5054 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 51.8157, 3.1224, -71.5054 by changing the saturation by 10% instead.

■ 51.8157, 3.1224,
-71.5054

■ 51.8157, 3.1224,
-71.5054

■ 169.3893, -0.4070,
-78.3107

■ 41.7854, 3.2701,
-71.3063

■ 73.9204, 2.6535,
-72.6837

■ 32.5010, 3.3471,
-71.6608

■ 85.9153, 2.3408,
-73.4537

■ 24.0289, 3.3431,
-73.0630

■ 98.4970, 1.9820,
-74.2707

■ 16.4563, 3.2415,
-76.6518

■ 111.6390, 1.5803,
-75.1048

■ 9.9061, 3.0151,
-85.6510

■ 125.3186, 1.1384,
-75.9366

0.0000, INF, -NF

0.0000, NaN, -NF

139.5154, 0.6586,

-76.7534

0.0000, NaN, -NF

154.2111, 0.1429,
-77.5466

0.0000, NaN, -NF

■ 51.8157, 3.1224,
-71.5054

■ 51.8157, 3.1224,
-71.5054

■ 51.8068, 3.1385,
-71.5291

■ 55.1551, -1.6527,
-63.2661

■ 58.7939, -5.5329,
-55.0746

■ 62.7514, -8.4033,
-46.9343

■ 67.0134, -10.2873,
-38.9061

■ 71.5596, -11.2497,
-31.0380

■ 76.3674, -11.3741,
-23.3600

■ 81.4145, -10.7496,
-15.8860

■ 86.6800, -9.4624,
-8.6179

■ 92.1446, -7.5920,
-1.5490

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.8165, -21.4312, -63.6929



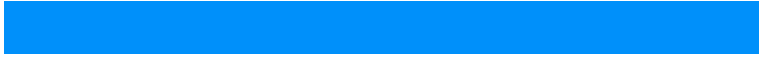
51.8157, 3.1224, -71.5054



51.8165, 30.9611, -52.7424

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.8165, 3.1237, -71.5041



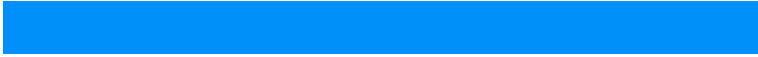
51.8165, 44.5277, 24.0855



51.8165, -41.5222, 18.5706

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.8157, 3.1224, -71.5054



55.3603, 46.8818, 34.9312

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.8165, -29.6026, 28.5187



51.8157, 3.1224, -71.5054



51.8165, 18.9800, 30.4091

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.8165, 3.1237, -71.5041



51.8165, 57.7595, 8.0098



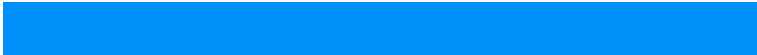
51.8165, -8.4069, 31.4852



51.8165, -44.0951, -2.9681

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.8157, 3.1224, -71.5054



51.8165, 46.6125, -31.3994



51.8165, -8.4069, 31.4852



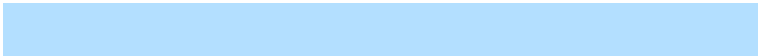
51.8165, -38.6107, 22.9746

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.8165, 3.1237, -71.5041



83.2357, -11.0003, -16.2936



83.2922, -67.1194, 40.7867



37.4878, -5.2537, -9.0191

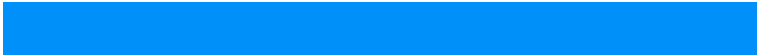
0.0000, NaN, NaN



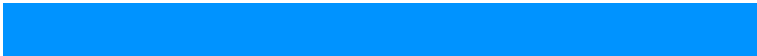
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.8165, 3.1237, -71.5041



52.9531, 3.2686, -73.2428



27.2679, 66.9879, -178.6803



42.7821, -3.4675, -0.5638



38.1151, 1.6075, -51.1107



12.4721, -0.9890, -13.4541

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.2646, 85.1935, -2.4836



48.3341, 87.1220, -2.4758



87.4409, -15.2439, 53.6123



41.7047, 2.6188, 0.6399



34.4637, 62.2031, -2.4038



10.5890, 19.2936, -2.1473

Previews

White Background



This preview shows how the HunterLab color 51.8157, 3.1224, -71.5054 looks on a white background.

Color Contrast Check

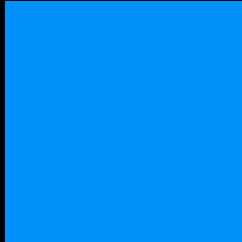
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.8157, 3.1224, -71.5054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

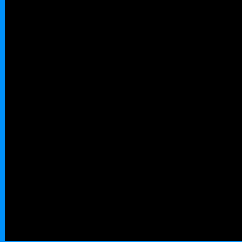
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

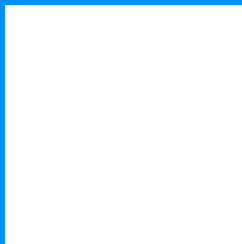
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.8157, 3.1224, -71.5054 Background



This preview shows how black text looks on a background with the HunterLab color 51.8157, 3.1224, -71.5054.



This preview shows how white text looks on a background with the HunterLab color 51.8157, 3.1224, -71.5054.

-71.5054.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.8157, 3.1224, -71.5054

Protanopia

51.7127, 12.1561, -65.1406

Deuteranopia

51.9041, 4.9130, -71.2433



Tritanopia

51.5431, -24.8739, -10.7288

Trichromacy



Original Color

51.8157, 3.1224, -71.5054

Protanomaly

51.3524, 7.0303, -68.8996

Deuteranomaly

51.7119, 4.2719, -71.7568

Tritanomaly

51.4662, -16.1693, -29.4233

Monochromacy



Original Color

51.8157, 3.1224, -71.5054

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

42.9388, -6.5884, -21.5020

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8157, 3.1224, -71.5054 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 144, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 144, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 250) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8157, 3.1224, -71.5054 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 144, 250) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(0, 144, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(0, 144, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
250) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8157, 3.1224, -71.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 144,  
250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor